



PTO/SB/08a/b (08-03)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>Use as many sheets as necessary</i>		Complete If Known			
		Application Number	09/756814		
		Filing Date	January 9, 2001		
		First Named Inventor	Kevin M. Short		
		Art Unit	2135		
		Examiner Name	T. B. Truong		
Sheet	1	of	1	Attorney Docket Number	UON-P01-004

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS			
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TBT	CY	Dedieu et al., "Signal coding and Compression Based on Chaos Control Techniques," IEEE, 1995, pp. 1191-1194, XP002325883	

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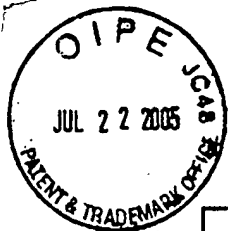
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Tranhuyn B. Tran 07-05-06

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	09/756814
				Filing Date	January 9, 2001
				First Named Inventor	Kevin M. Short
				Art Unit	2135
				Examiner Name	T. B. Truong
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TBT	A1	US-5,661,788	08/26/97	CHIN et al.	
TBT	A2	US-2002/001381	01/03/02	UKYO	
	A3				

FOREIGN PATENT DOCUMENTS						
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TBT	B1	EP-1,244,274 A1	09/25/02	YAMAHA CORPORATION		
TBT	B2	EP-1,260,949 A1	11/27/02	NOKIA CORPORATION		
TBT	B3	WO-99/43136 A1	08/26/99	ERICSSON, INC.		
TBT	B4	WO-03/003235 A1	01/09/03	4 MEDIA, INC.		

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Examiner Signature 9775848_1	Thanh B. Truong	Date Considered	1-05-06
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (if known)			
16	AA	US-5040217-B1	08-13-1991	Brandenburg et al.	
	AB	US-5048086-B1	09-10-1991	Blanco	
	AC	US-5245660-B1	09-14-1993	Pecora et al.	
	AD	US-5291555-B1	03-01-1994	Cuomo et al.	
	AE	US-5365589-B1	11-15-1994	Gutowitz	
	AF	US-5416848-B1	05-16-1995	Young	
	AG	US-5432697-B1	07-11-1995	Hayes	
	AH	US-5473894-B1	12-05-1995	Carroll et al.	
	AJ	US-5479512-B1	12-26-1995	Weiss	
	AJ	US-5508473-B1	04-16-1996	Chafe	
	AK	US-5592555-B1	01-07-1997	Stewart	
	AL	US-5606144-B1	02-25-1997	Dabby	
	AM	US-5680482-B1	10-21-1997	Miller	
	AN	US-5729607-B1	03-17-1998	DeFries et al.	
	AO	US-5732158-B1	03-24-1998	Jaenisch	
	AP	US-5737360-B1	04-07-1998	Grinstein et al.	
	AQ	US-5768437-B1	08-16-1998	Monro et al.	
	AR	US-5808225-B1	09-15-1998	Corwin et al.	
	AS	US-5818712-B1	10-06-1998	Glenn	
	AT	US-5838832-B1	11-17-1998	Barnsley	
	AU	US-5857025-B1	01-05-1999	Anderson	
	AV	US-5857165-B1	01-05-1999	Coron et al.	
	AW	US-5923760-B1	07-13-1999	Abarbanel et al.	
	AX	US-6137045-B1	10-24-2000	Short et al.	
	AY	US-6208951-B1	03-27-2001	Kumar et al.	
	AZ	US-6212239-B1	04-03-2001	Hayes	
	AA1	US-6275615-B1	08-14-2001	Ida et al.	
	AB1	US-6363153-B1	03-26-2002	Parker et al.	
18	AC1	US-6631166-B1	10-07-2003	Carroll	

FOREIGN PATENT DOCUMENTS						
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Examiner Signature	Chunhy B. Tan	Date Considered	1-09-06
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Substitute for form 1449A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/756814
		Filing Date	January 9, 2001
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		Art Unit	N/A
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	UON-P01-004
Sheet	2	of	3

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TBT	CA	Carroll et. al., "Synchronizing Chaotic Systems", SPIE Chaos in Communications 32-43, 1993.	
	CB	Carroll, Thomas L., "Communicating with Use of Filtered, Synchronized Chaotic Signals", IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications, Vol. 42, No. 3, pp. 105-110, March 1995.	
	CC	Cuomo et. al., "Synchronization of Lorenz-Based Chaotic Circuits with Applications to Communications", IEEE Transactions on Circuits and Systems, 626-633, 1993.	
	CD	Dachsett, F., "Chaotic Coding and Cryptanalysis", IEEE International Symposium on Circuits and Systems, June 9-12, 1997, Hong Kong, pp. 1061-1064.	
	CE	Ding, M. et al., "Enhancing Synchronism of Chaotic Systems," Physical Review E, Vol. 49, No. 2, pp. R945-948, Feb. 1994.	
	CF	Final office action issued by Examiner James Seal on 21 December 2000, in the prosecution of U.S. Patent Application Serial No. 09/436,910, now issued as U.S. Patent Number 6,363,153 (Method and apparatus for secure digital chaotic communication).	
	CG	Hayes, S., Grebogi, C., and Ott, E., "Communicating with Chaos", Phys. Rev. Lett., Vol. 70, No. 20, pp. 3031-3034, 17 May 1993.	
	CH	Hayes, S., Grebogi, C., and Ott, E., "Experimental Control of Chaos for Communication", Phys. Rev. Lett., Vol. 73, No. 13, pp. 1781-1786, 26 Sep. 1994.	
	CI	Hunt, E. R., "Stabilizing High-Period Orbits in a Chaotic System: The Diode Resonator", Physical Review Letters, Vol. 67, No. 15, pp. 1953-1957, 7 October 1991.	
	CJ	Kavitha, V. et al., "Use of Chaotic Modeling for Transmission of EEG Data", International Conference on Information, Communications, and Signal Processing, ICICS '97, Singapore, 9-12 September 1997, pp. 1262-1265.	
	CK	Kruger, P., "Barbarian at the Gates?", Communications International, pp. 46-48, Jan. 1996.	
	CL	Lai, "Synchronization of a Chaotic Optical System Using Control", SPIE Chaos in Communication, pp. 91-102, 1993.	
	CM	Martenssen, W., "Chaotic Cryptology", Annalen der Physik, Vol. 4, Issue 1, 1995, pp. 35-42.	
	CN	Non-final office action issued by Examiner James Seal on 2 April 2000, in the prosecution of U.S. Patent Application Serial No. 09/436,910, now issued as Patent Number 6,363,153 (Method and apparatus for secure digital chaotic communication).	
	CO	Non-final office action issued by Examiner Jeffrey W. Donels on 17 December 1999, in the prosecution of U.S. Patent Application Serial No. 09/437,565, now issued as U.S. Patent Number 6,137,045 (Method and apparatus for chaotic musical synthesis).	
	CP	Ott, E. et al., "Controlling Chaos", Physical Review Letters, Vol. 64, No. 11, pp. 1196-1199, 12 Mar. 1990.	
	CQ	Pecora et al., "Synchronization in Chaotic Systems", Physical Review Letters, Vol. 64, No. 8, pp. 821-824, 19 Feb. 1990.###(ISR incorrectly cites No. 10, pp. 2374-2383)	
	CR	Rossler, O. E., "An Equation for Continuous Chaos", Physics Letters A, Vol. 57, No. 5, pp. 397-398, 12 Jul. 1978.	
	CS	Shilnikov, "Mathematical Problems of Nonlinear Dynamics: A Tutorial", International Journal of Bifurcation and Chaos, Vol. 7, No. 9, pp. 1953-2001, 1997.	
	CT	Short, K., "Steps Towards Unmasking Secure Communications," International Journal of Bifurcation and Chaos, vol. 4, No. 4, 1994, pp. 859-977.	
	CU	Yang et. al., "Secure Communication via Chaotic Parameter Modulation", IEEE Transactions on Circuits and System 817-819, 1998.	
TBT	CV	Yang, T. et al., "Cryptanalyzing Chaotic Secure Communications Using Return Map", Physics Letters A, Vol. 245, No. 6, pp. 495-510, 31 Aug. 1998.###(ISR citation was incorrect and	
Examiner Signature	Charles B. Tran		Date Considered
			1-09-06

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			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	3	of	3	Attorney Docket Number	UON-P01-004

		incomplete: No vol. no., no date, incorrect pp.)	
TBT	CW	Yang, Tao, "A Survey of Chaotic Secure Communication Systems", International Journal of Computational Cognition, Vol. 2, No. 2, pp. 81-130, June 2004. (http://www.YangSky.com/yangijcc.htm)	
TBT	EX	Zhou, C., "Extracting Information Masked by Chaos and Contaminated with Noise: Some Considerations on Security of Communication Approaches Using Chaos", Physics Letters A, Vol. 234, No. 6, pp. 429-435, 13 Oct. 1997.	

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